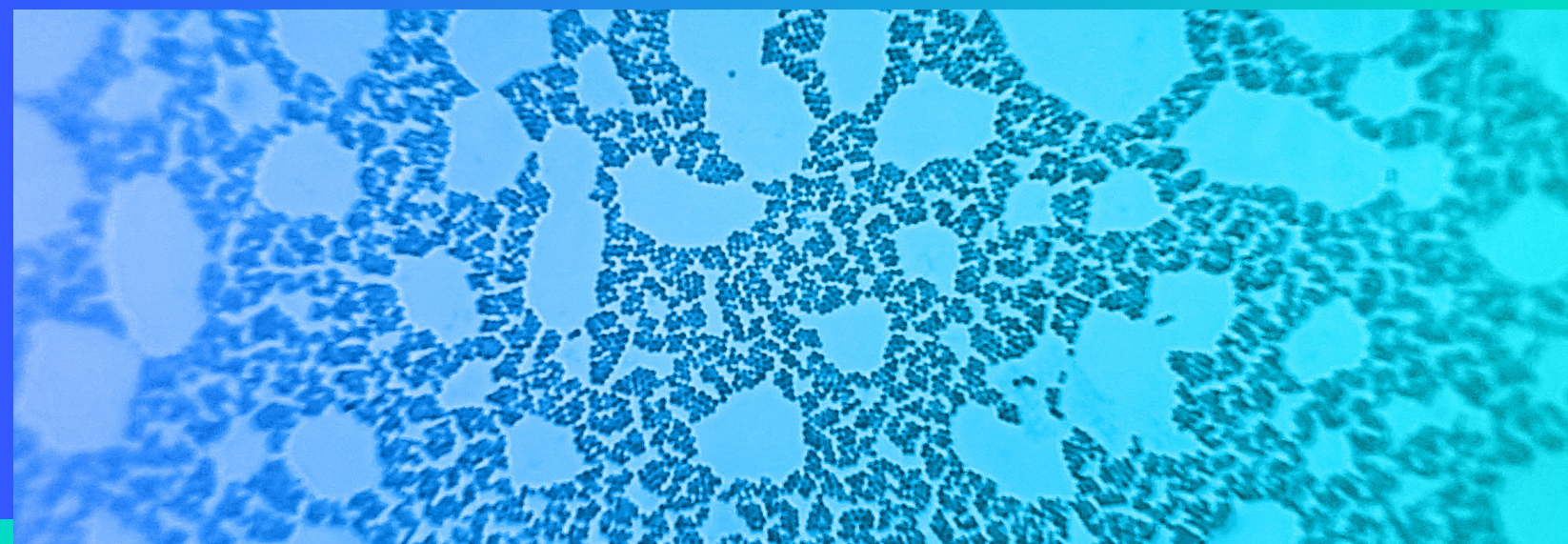


nexustek

# POWER THE FUTURE

Transforming Life Sciences  
with NexusTek Secure by  
Design IT Solutions





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# A New Era in Life Sciences

Life Sciences organizations face immense pressure to fast-track drug discovery, optimize clinical trials, and advance personalized medicine.

Success hinges on fully harnessing data, systems, and infrastructure. Yet, many struggle to bridge the gap—lacking the in-house expertise, resources, or vision needed to maximize IT investments.

Without a clear approach, organizations risk falling behind, missing critical opportunities to improve time-to-market, and generate long-term value.

## COMMON INDUSTRY CHALLENGES

- Lack of R&D returns
- Evolving industry regulations
- Increased competition
- Expiring patents
- Supply chain risks

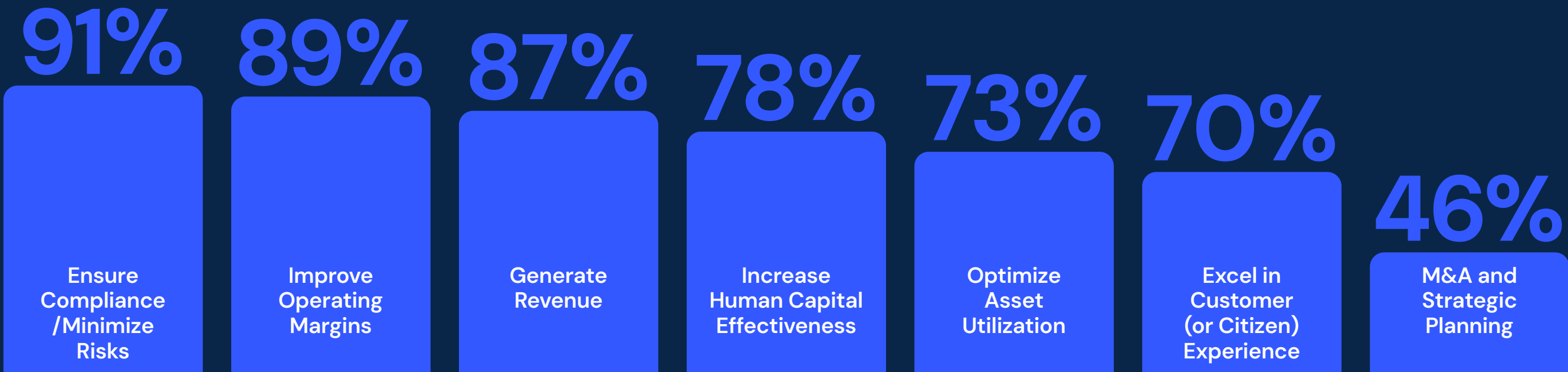


Source: Gartner, [The Gartner Top Healthcare & Life Sciences Predictions for 2025](#)

## PREPARING FOR THE FUTURE

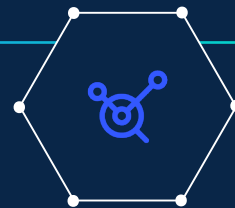
The Life Sciences industry is experiencing transformative change, driven by technological advancements, evolving regulations, and shifting market dynamics.

## CRITICAL FOCUS AREAS FOR LIFE SCIENCES CEOs



# Satisfy Emerging Market Demands

From the boardroom to the bench, Life Sciences organizations must harness technology to obtain their strategic advantage in today's ultra-competitive landscape.



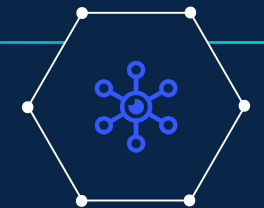
## R&D

Declining R&D productivity is a growing concern across the industry, prompting executives to rethink their product development strategies. In response, organizations are turning to cloud, AI, and modern digital environments to accelerate innovation and improve outcomes.



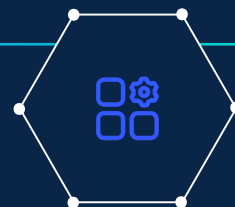
## Clinical Trials

Evolving clinical trial regulations have introduced new uncertainties and standards organizations must contend with. These changing tides have driven an increased focus on ensuring the integrity, credibility, and privacy of study and participant data.



## Compliance & Reporting

As new industry standards come online, businesses must address patient "right to be forgotten" requirements, AI regulations, and transparency laws around pricing. Meeting these demands calls for trusted, compliant solutions that evolve with a shifting regulatory landscape.



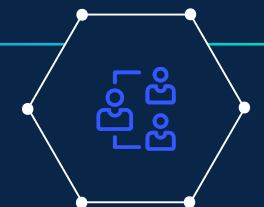
## Supply Chain

Life Sciences supply chains are inherently complex, spanning multiple geographies and suppliers. Facing mounting economic and regulatory pressures, businesses are embracing digitization efforts to enhance resilience, streamline operations, and enable real-time collaboration across the value chain.



## Manufacturing

In today's high-stakes environment, manufacturing must be fast, efficient, and secure. Now, more than ever, leaders are investing in technology solutions that strengthen data integrity, validate systems, and ensure consistent quality—from development through delivery.



## Commercialization & Growth

Generics, biosimilars, patent expirations, and loss of drug exclusivity have intensified competition. To stay ahead, companies are turning to data, AI, and analytics to elevate commercial operations, accelerate market penetration, and transform customer engagement.



# Meet NexusTek: Technology Services That Matter

**NexusTek Life Sciences Secure by Design IT Solutions** deliver trusted infrastructure, qualified systems, and comprehensive managed IT services—purposefully designed to minimize risk, ensure compliance, and optimize operations for Life Sciences organizations.

With deep domain expertise and a robust portfolio of Secure by Design offerings, NexusTek supports businesses of any size, from anywhere in their IT journey, at any stage in the product lifecycle.



**Advisory Services**  
Discover and assess current needs against desired future states



**Professional Services**  
Design, architect, and implement IT solutions that are Secure by Design



**Managed Services**  
Improve operational excellence with fully managed services



**vCIO & vCISO Services**  
Work with former industry leaders on technology and strategic business objectives

## NexusTek Secure by Design Solution Areas

Hybrid Cloud

Cybersecurity

Data and GenAI

Disaster Recovery

End User and Managed IT Services

Cloud Cost Optimization



### The Highest Level of Service Excellence

NexusTek's Life Sciences practice rigorously trains its professionals in regulatory, quality assurance, and compliance standards. Through certified cGxP curriculums, our staff gain expertise in the most critical aspects of your business, ensuring that services, systems, and data consistently meet or exceed current regulatory requirements.





SECURE BY DESIGN SOLUTIONS

# Hybrid Cloud

**Maximize on-premises, private cloud, and public cloud resources.**

NexusTek's advanced hybrid cloud offerings are rooted in industry best practices and designed to enable GxP-compliant environments for clinical trials, biotech R&D, and pharmaceutical manufacturing. With industry-specific infrastructure templates and purpose-built solutions, we provide secure, scalable, and regulatory-ready environments that optimize performance and drive resilience—from clinical trial to commercialization.



**Scale workloads while supporting clinical trials and patient data regulations**



**Optimize cloud and on-premises spend for research and operations**



**Enhance flexibility without compromising performance, compliance, or control**

## **Professional Hybrid Cloud Services**

Accelerate innovation and ensure compliance with advisory and professional services tailored for the Life Sciences industry. Backed by seasoned experts, our solutions help organizations innovate faster, scale with precision, and maintain continuous audit readiness.

## **Managed Hybrid Cloud Services**

Realize the power of a fully managed hybrid cloud infrastructure. Seamlessly integrate on-premises, public, and private cloud environments, and scale IT operations with agility—enabling rapid response to evolving business and research demands.



SECURE BY DESIGN SOLUTIONS

# Cybersecurity

**Minimize risk and ensure cyber compliance.**

NexusTek combines cutting-edge technology with expert security professionals to protect research data, safeguard patient information, and uphold stakeholder trust. With real-time threat detection, expert analysis, and rapid incident response, our tailored services reduce exposure—so internal teams can stay focused on driving scientific breakthroughs.



**Accelerate R&D with secure, on-demand access for researchers and scientists**



**Ensure compliance with HIPAA, GDPR, FDA, and other Life Sciences regulations**



**Strengthen security across clinical supply chains and manufacturing operations**

## **Managed Detection & Response (MDR)**

Safeguard sensitive data with continuous monitoring and advanced threat intelligence

## **Virtual Chief Information Security Officer (vCISO)**

Engage former industry professionals with extensive domain experience

## **Identity & Access Management (IAM)**

Ensure robust and consistent security to prevent unwanted access





SECURE BY DESIGN SOLUTIONS

# Data and GenAI

Unleash the potential of data and AI.

NexusTek enables organizations to confidently embrace generative AI. Access secure, responsible, and governable solutions that transform data into actionable insights, fuel innovation, and drive meaningful outcomes across business operations and product development.



**Support bioinformatics for drug discovery**



**Automate and streamline manufacturing processes**



**Strengthen pharmacovigilance and patient safety**



**Enable personalize patient experiences**

## Managed AI Platforms

Leverage a dedicated, fully managed, HIPAA-compliant AI platform. Securely deploy multiple AI models with built-in observability and monitoring—accelerating innovation while ensuring compliance with pressing standards.

## Custom AI Model Training

Support industry-specific use cases and unlock the full potential of scientific journals, internal research, and critical data assets with purpose-built training for custom AI model development.





SECURE BY DESIGN SOLUTIONS

# Disaster Recovery

**Bolster resiliency and recoverability.**

With robust infrastructure and expert support, NexusTek's Disaster Recovery and Backup Services empower businesses to confidently protect data and operations from unforeseen disruptions. By identifying sector-specific vulnerabilities and crafting tailored recovery strategies, we strengthen resilience and ensure rapid return to operations—all within a fully-compliant environment.



**Fulfill patient and clinical trial data privacy standards**



**Harden R&D, supply chain, and manufacturing processes**



**Ensure continuous product delivery**



**Deliver exceptional service and exceed client expectations**

## **Disaster Recovery**

Ensure operational resilience and remain disruption-free. Minimize downtime and protect critical research data to keep product development, supply chain operations, and manufacturing up and running.

## **Backup & Recovery**

Enhance business continuity, strengthen data protection, and enable rapid recovery to ensure critical information always remains secure, accessible, and actionable.





SECURE BY DESIGN SOLUTIONS

# End User and Managed IT Services

**Maintain operational continuity with less effort.**

Our expert-led End User and Managed IT Services deliver the data integrity, high-performance computing, and alignment with regulatory best practices that today's pharmaceutical, biotech, and Life Sciences organizations need. Benefit from 24/7 support across distributed teams, including comprehensive IT services for research teams, lab environments, and mobile clinical applications, plus white-glove support for executives, researchers, and key personnel.



**Prove compliance with industry standards**



**Scale research workloads while securing patient data**



**Simplify management and refocus teams on high-value tasks**

**Onsite and remote IT support, pre-configured to FDA, HIPAA, and EMA regulations**

- Help Desk Support
- End User Support
- Endpoint Management
- Collaboration Tools
- Access Management
- Business Application Support
- Secure Device Provisioning



# Accelerate Change with Confidence

Now is the time for trust.

NexusTek Life Sciences Secure by Design IT Solutions are dedicated to addressing the unique needs of your business. As a strategic partner, we draw on a proven track record of driving growth, optimizing costs, and mitigating risk within the Life Sciences sector, enabling our customers to excel in today's evolving and dynamic landscape.

## About NexusTek

Trusted by thousands of businesses, NexusTek specializes in providing IT services that include hybrid cloud, cybersecurity, data and AI, managed IT services, and IT consulting. Our comprehensive offerings provide tailored solutions that drive performance, enhance security, and foster growth. We leverage the latest technology and strategic partnerships to deliver proactive, innovative solutions that address your business challenges and support your long-term success.

## NEXUSTEK BY THE NUMBERS

**1,200**

Customers

**98%**

Satisfaction Rating

**+100**

Strategic Partnership

**~6yr**

Average Client  
Relationship

**9x**

Consecutive Years with  
CRN MSP500 Ranking

Discover how NexusTek can transform your business.

Learn more at [nexustek.com/life](https://nexustek.com/life)

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